



Inventors: Ram I. Mahato
Serial No. 10/083,861
Attorney Docket No. T8948.CIP
Attorney: M. Wayne Western
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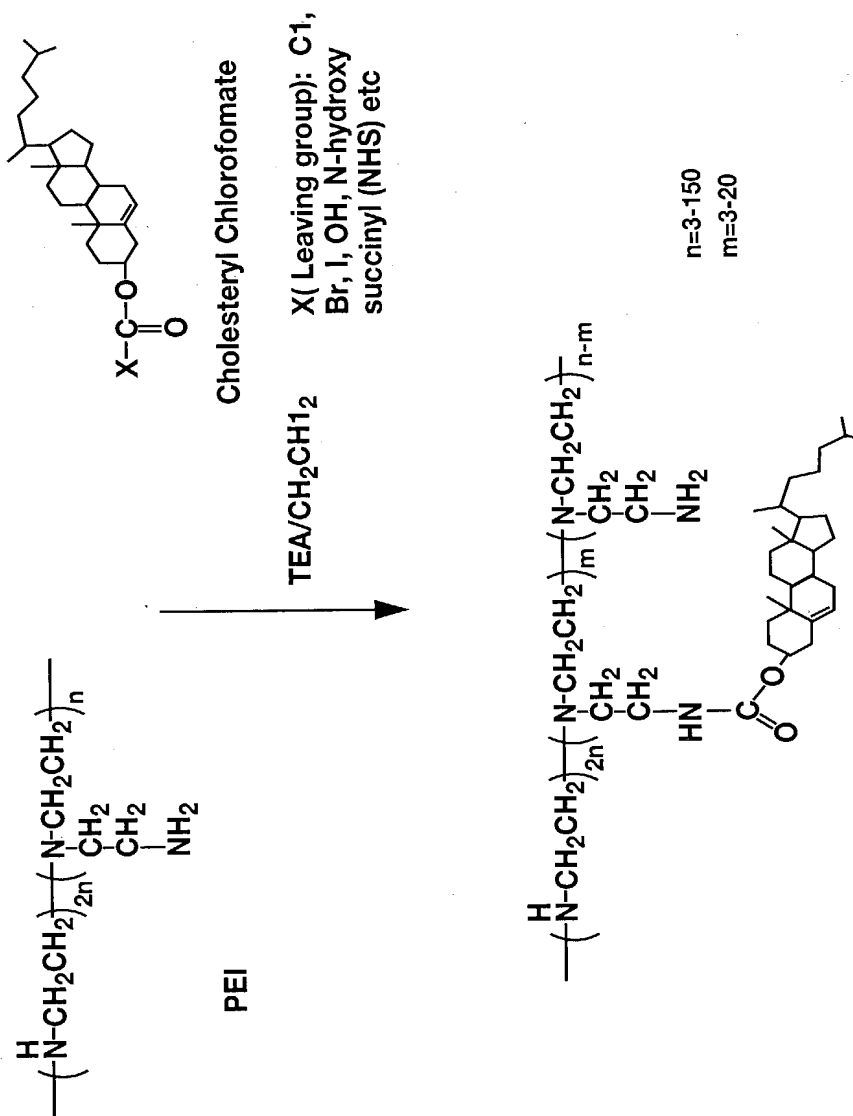


Fig. 1



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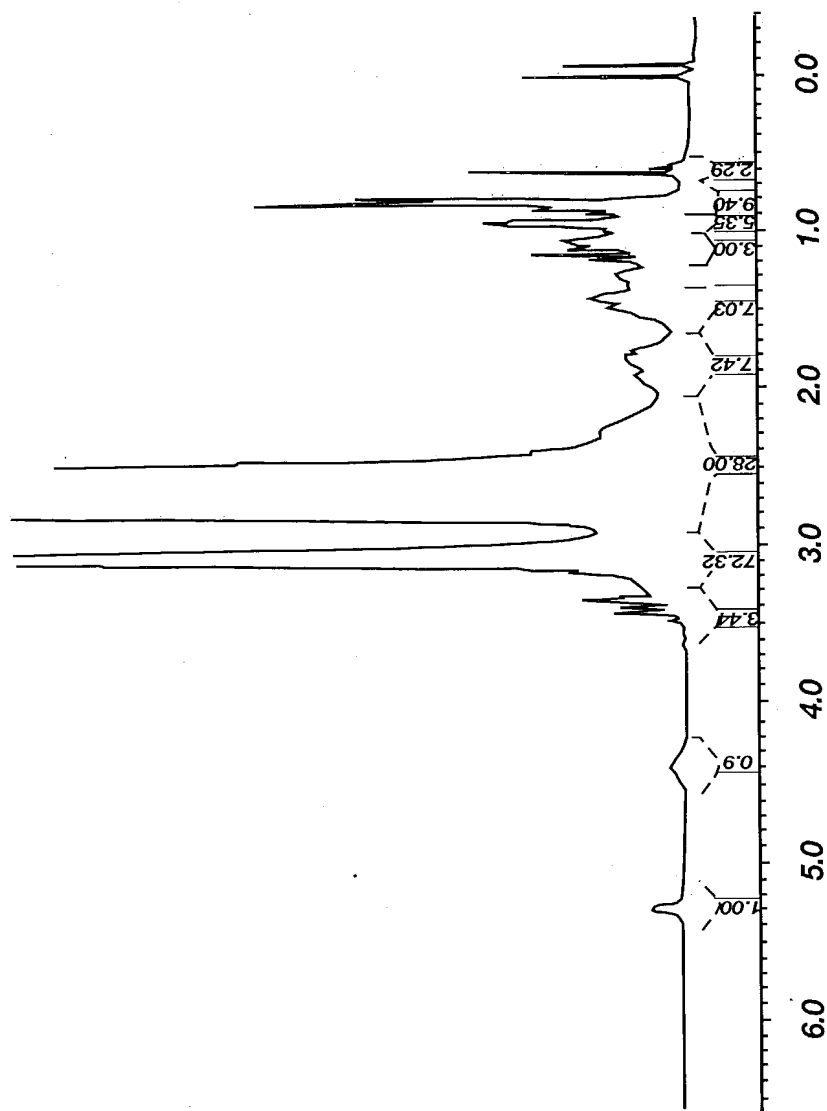


Fig. 2A



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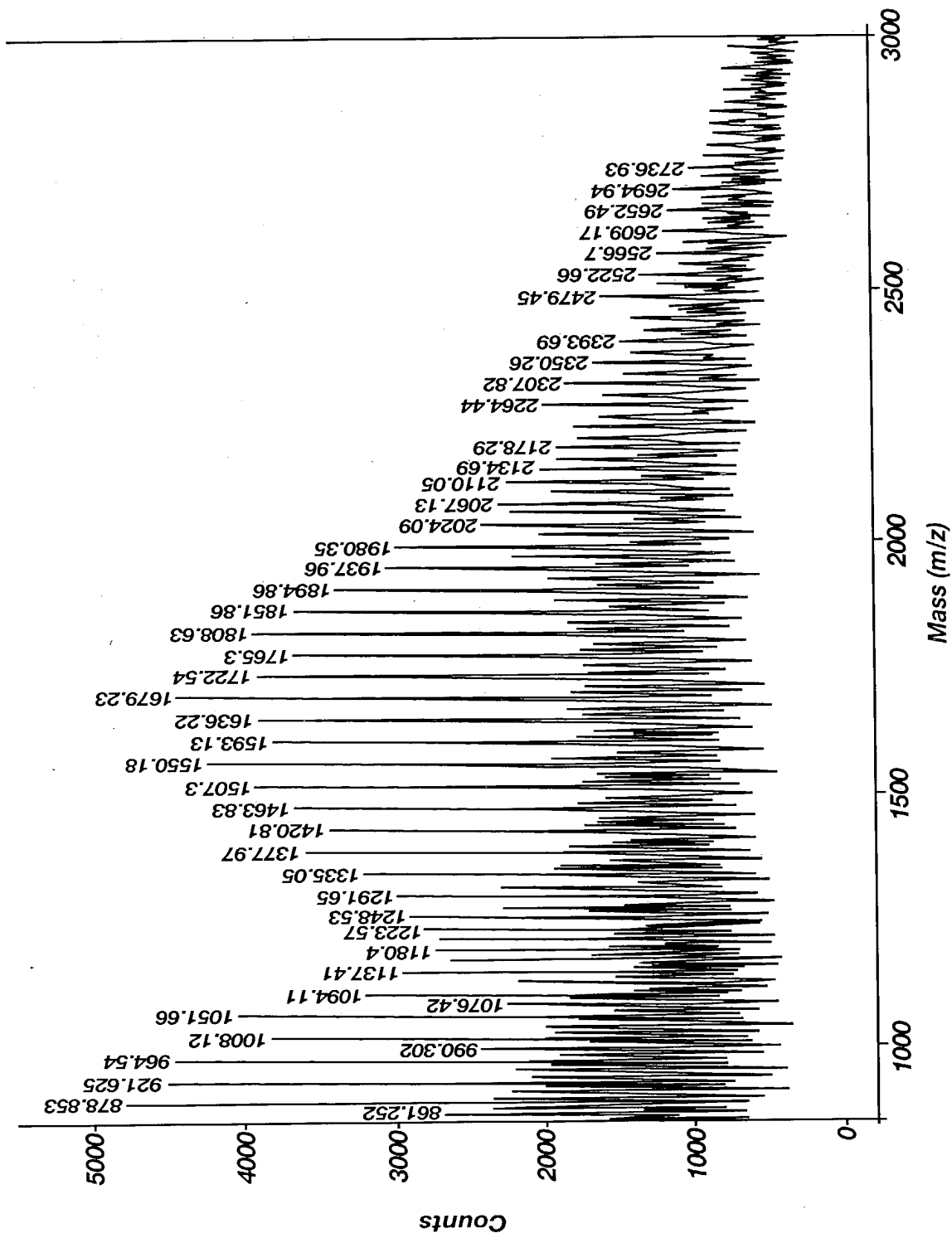


Fig. 2B



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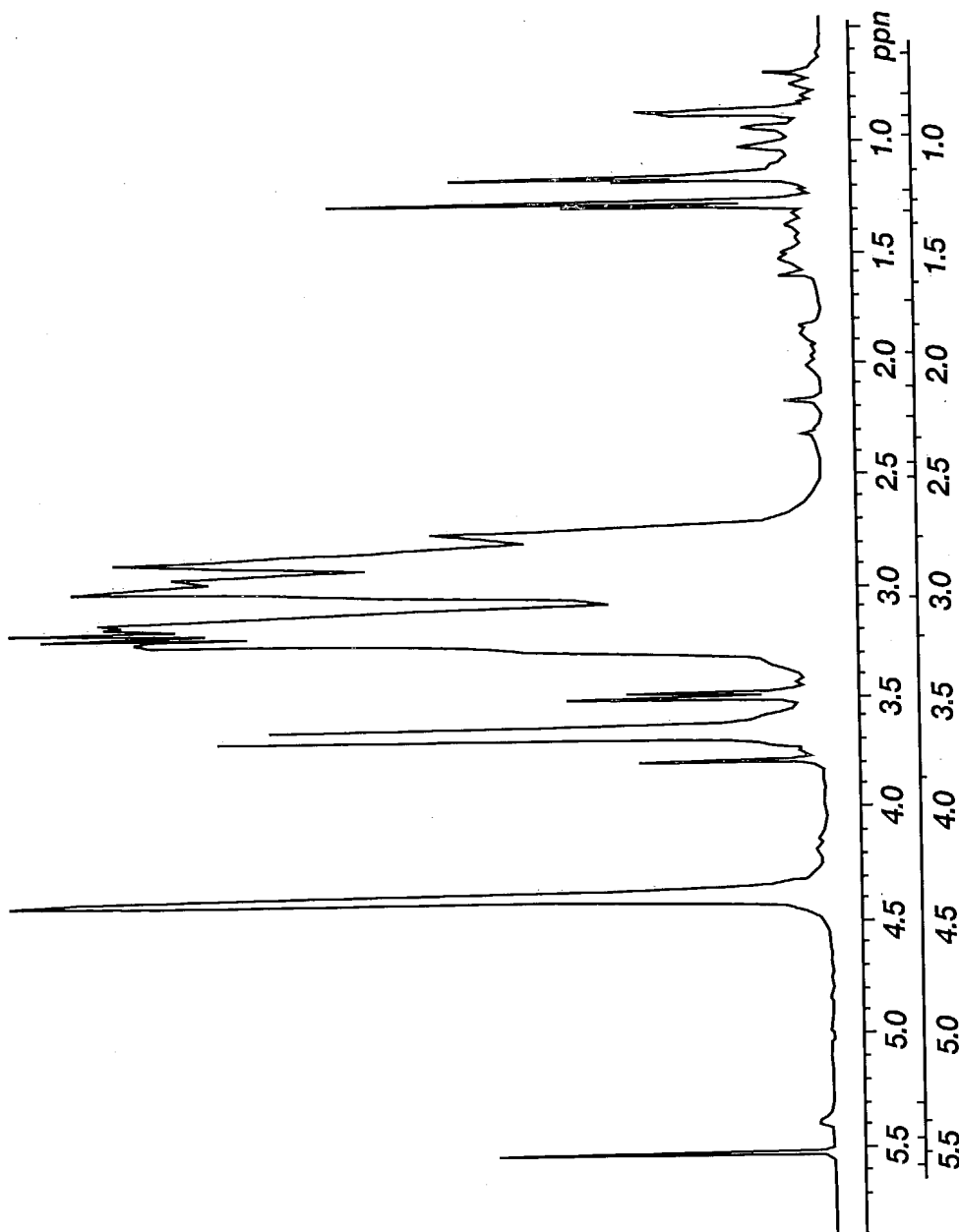


Fig. 3A



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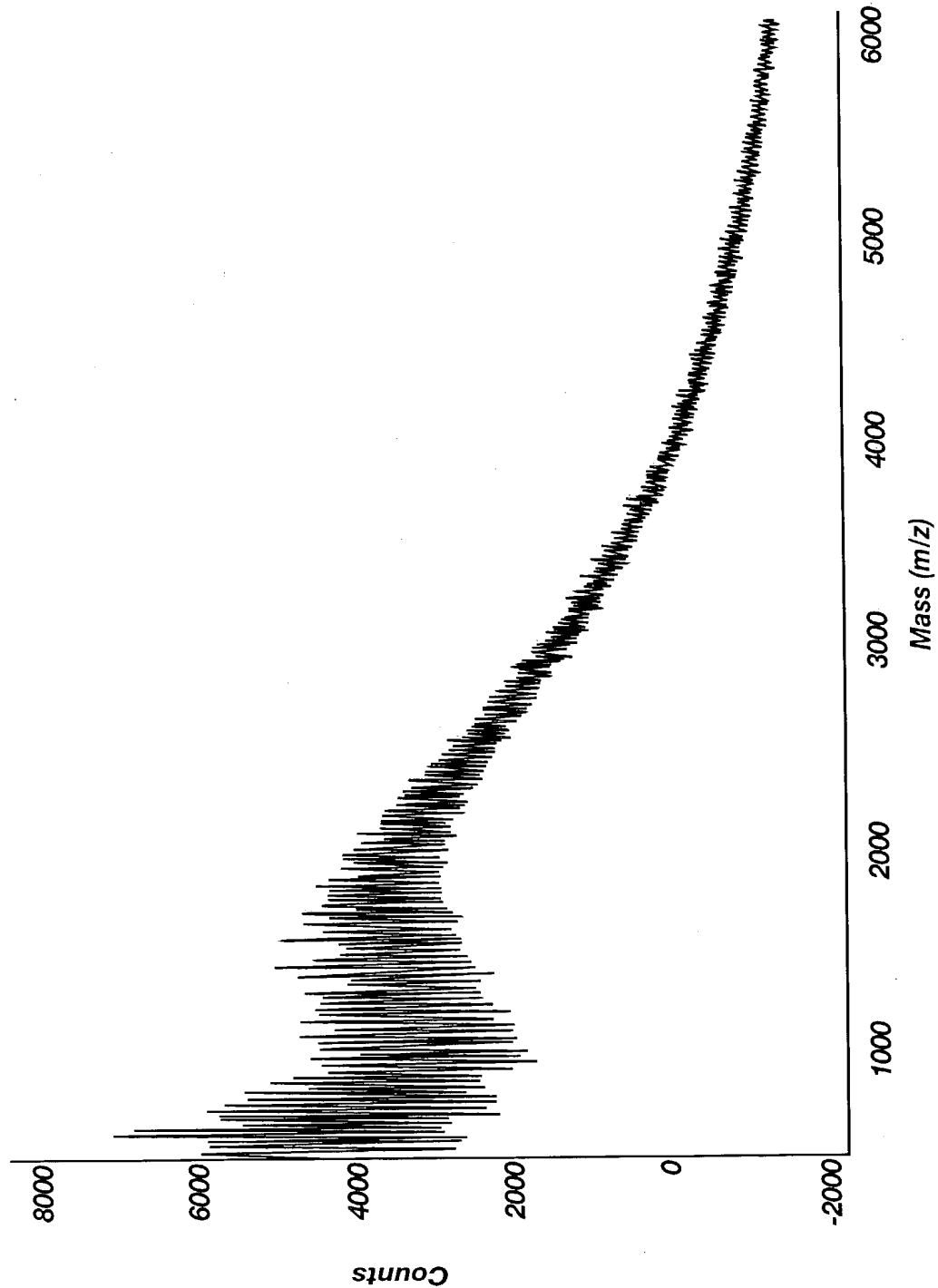


Fig. 3B



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1. DNA marker (1 kbp)
2. pDNA
3. PEACE/pDNA (0.25/1) (+/-)
4. PEACE/pDNA (0.5/1) (+/-)
5. PEACE/pDNA (1/1) (+/-)
6. PEACE/pDNA (1.5/1) (+/-)
7. PEACE/pDNA (2/1) (+/-)
8. PEACE/pDNA (3/1) (+/-)
9. PEACE/pDNA (5/1) (+/-)
10. PEACE/pDNA (7/1) (+/-)

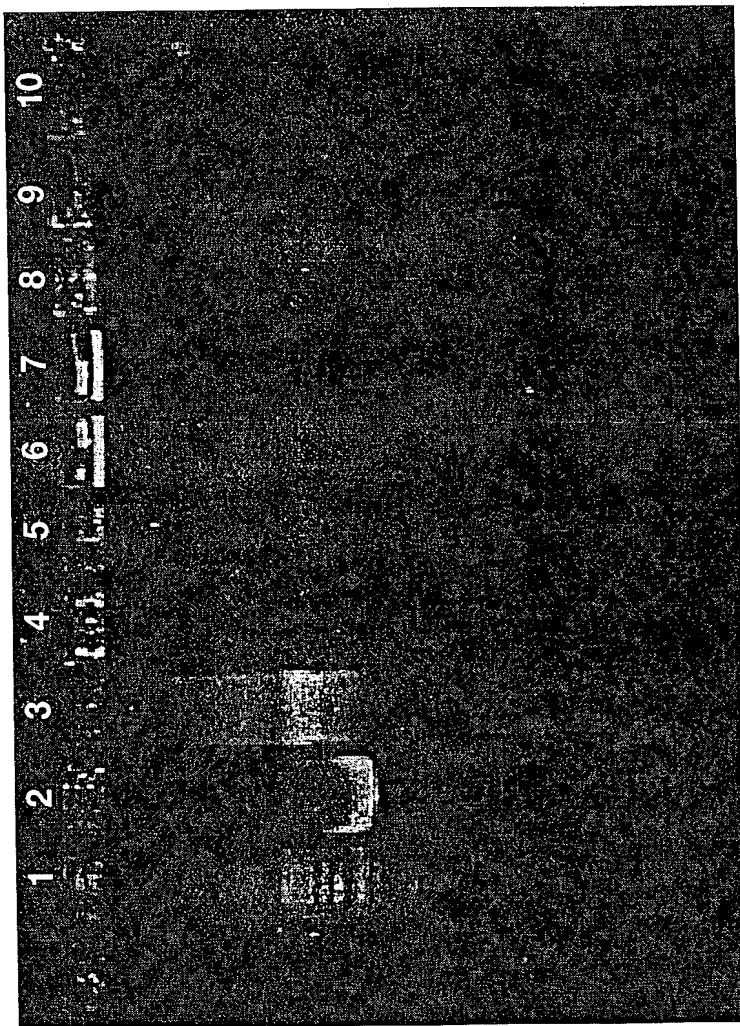


Fig. 4A



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1. NAKEDp DNA
2. PEACE:DOPE (1/1)/pDNA (0.5/1) (+/-)
3. PEACE:DOPE (1/1)/pDNA (1/1) (+/-)
4. PEACE:DOPE (1/1)/pDNA (2/1) (+/-)
5. PEACE:DOPE (1/1)/pDNA (3/1) (+/-)
6. PEACE:DOPE (1/1)/pDNA (5/1) (+/-)
7. Naked DNA
8. PEACE:DOPE (1/2)/pDNA (0.5/1) (+/-)
9. PEACE:DOPE (1/2)/pDNA (1/1) (+/-)
10. PEACE:DOPE (1/2)/pDNA (2/1) (+/-)
11. PEACE:DOPE (1/2)/pDNA (3/1) (+/-)
12. PEACE:DOPE (1/2)/pDNA (5/1) (+/-)

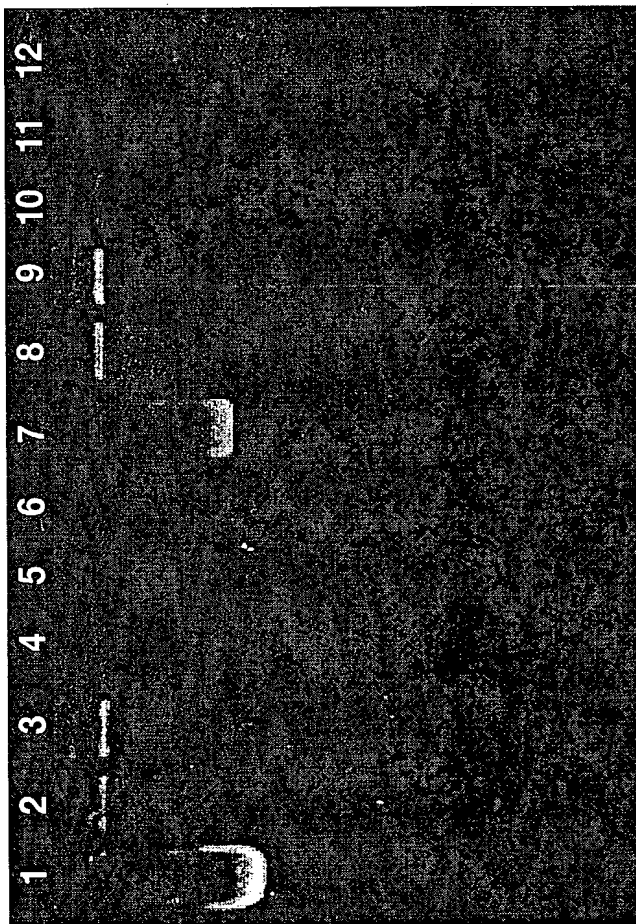


Fig. 4B



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1. DNA marker (100bp)
- 2-9 : PEACE/pDNA
2. pCMV-Lue
3. Incubation time : 0 min.
4. : 5 min.
5. : 10 min.
6. : 15 min.
7. : 30 min.
8. : 60 min.
- : 120 min.
- 10-12 : Naked DNA
10. Incubation time : 0 min.
- : 5 min.
- : 10 min.

DNase amount : 3 unit

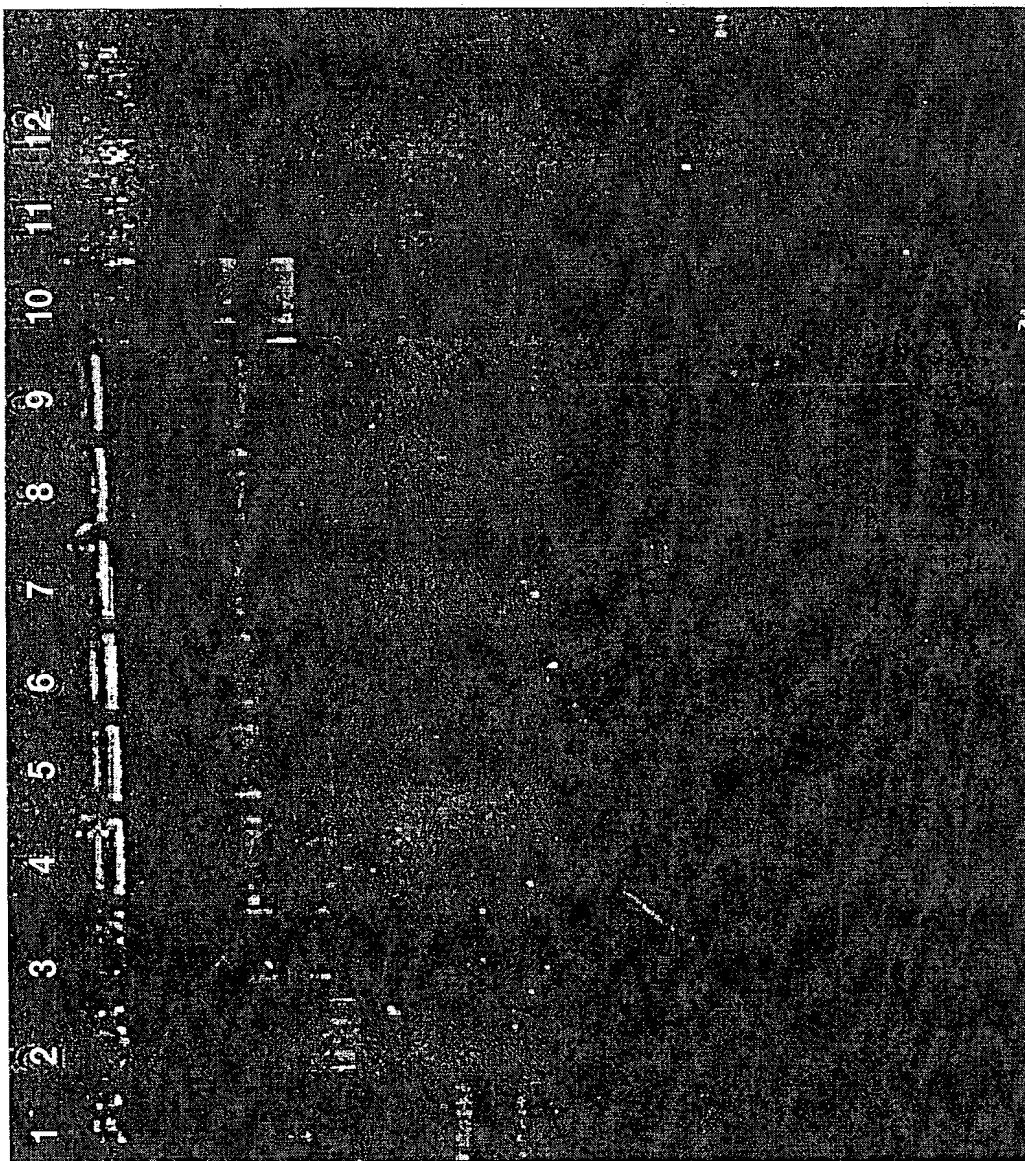


Fig. 5



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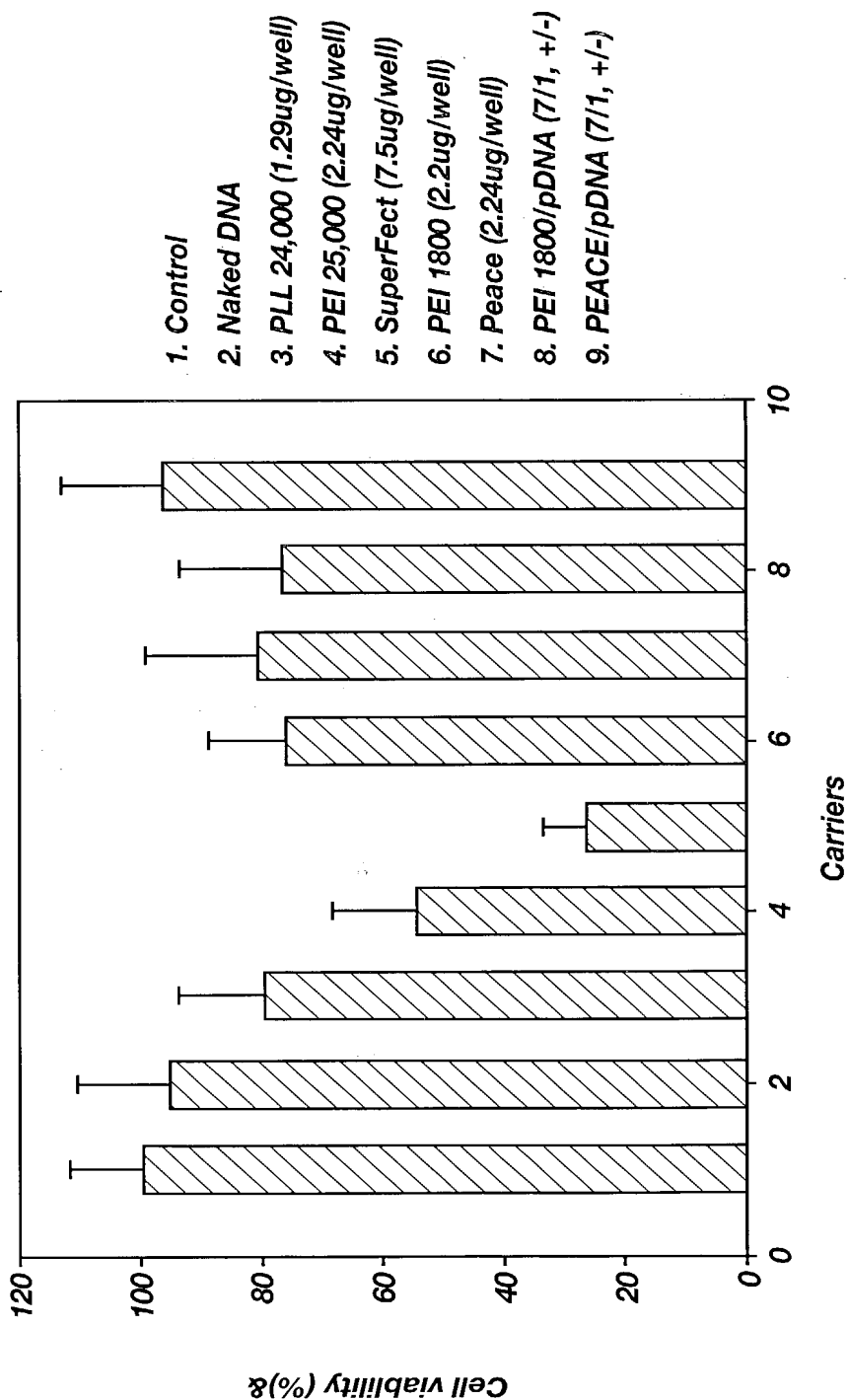
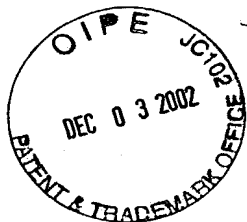


Fig. 6A



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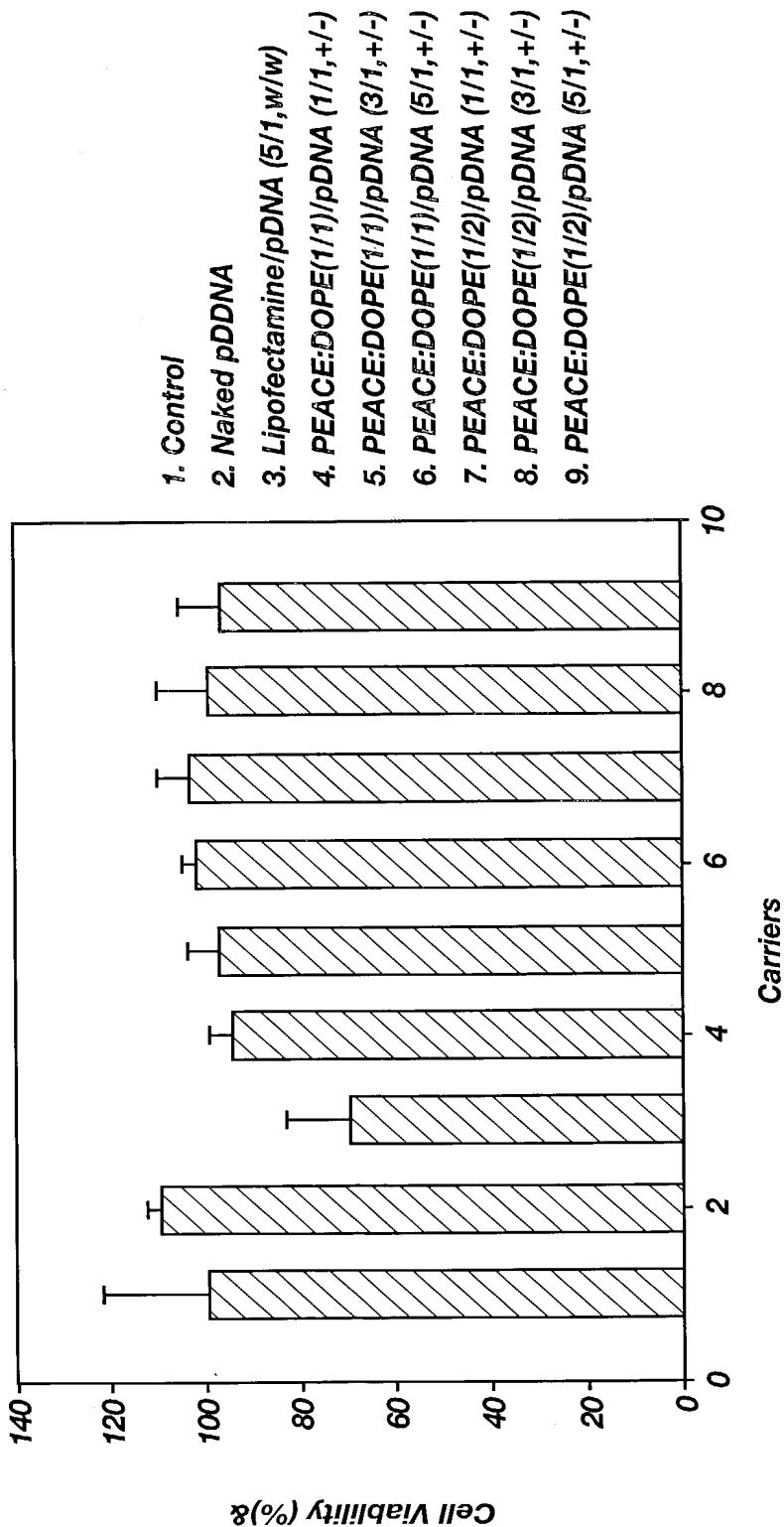


Fig. 6B



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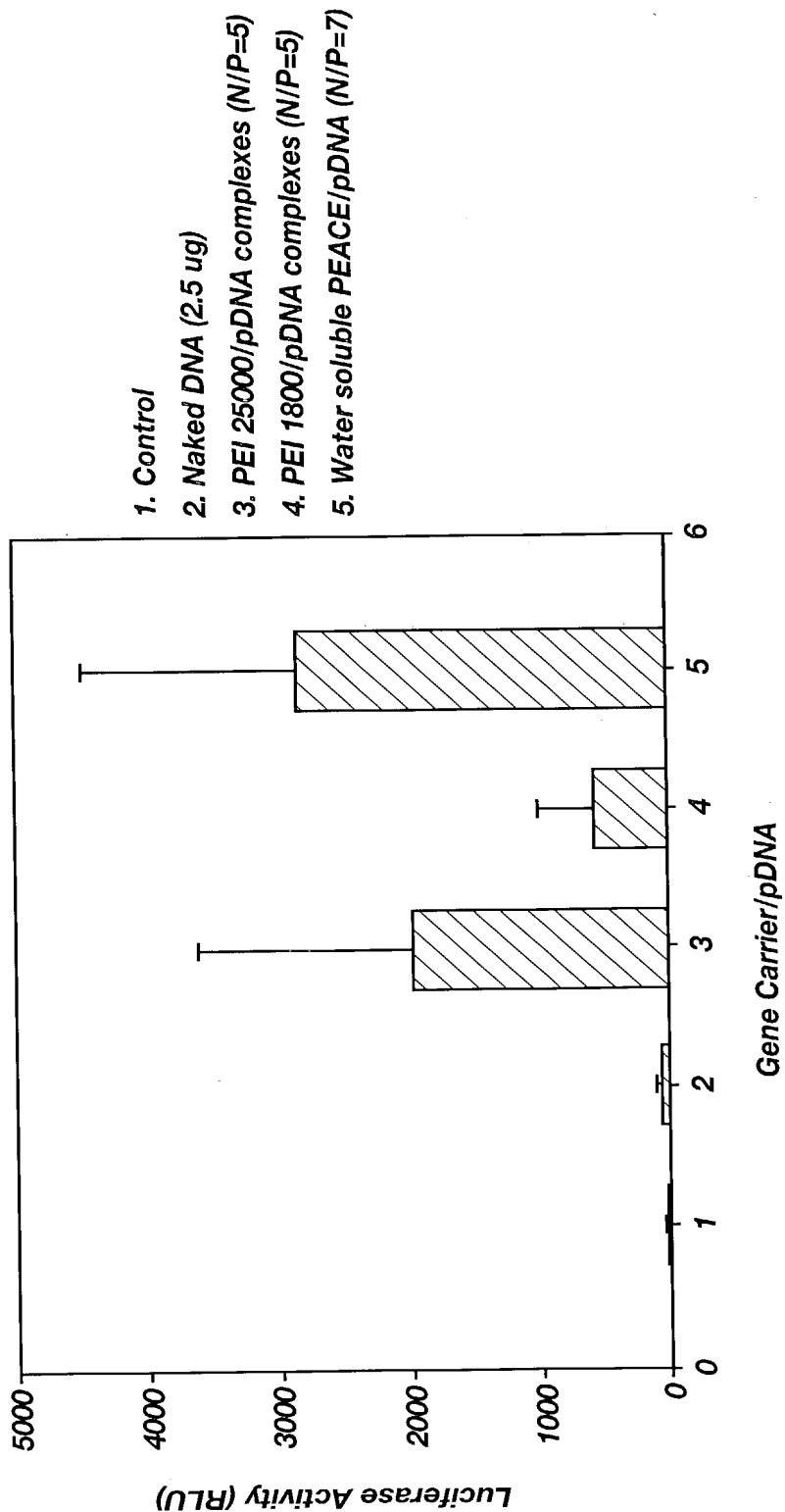
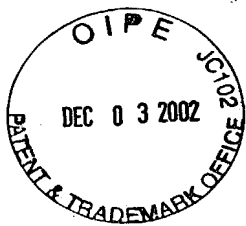


Fig. 7A



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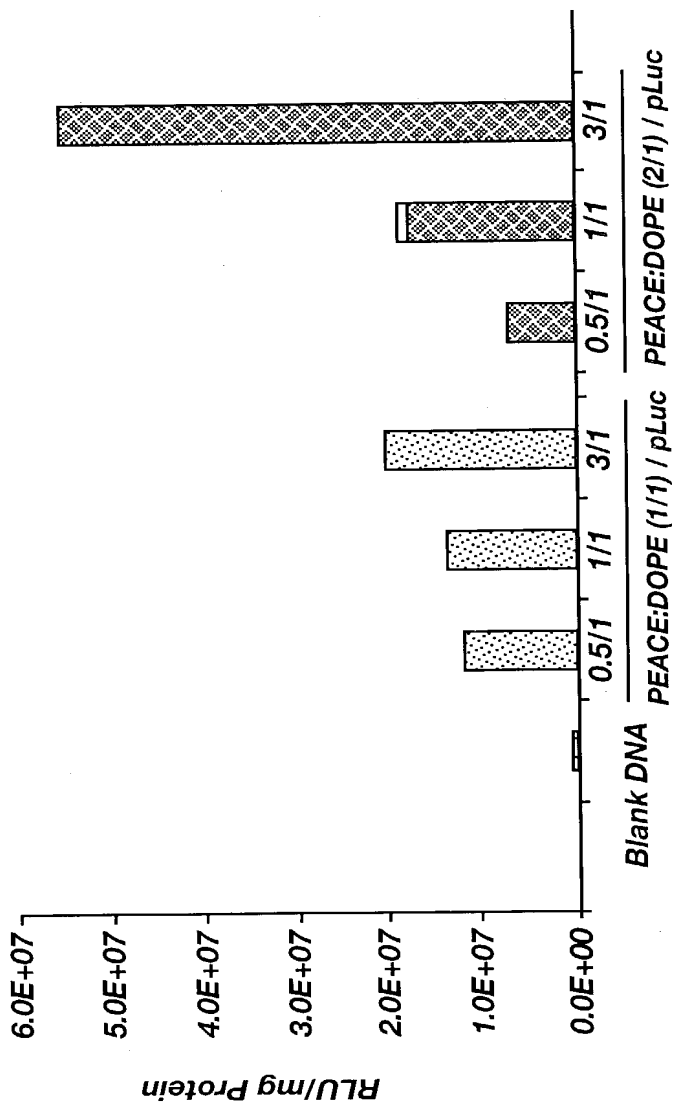


Fig. 7B



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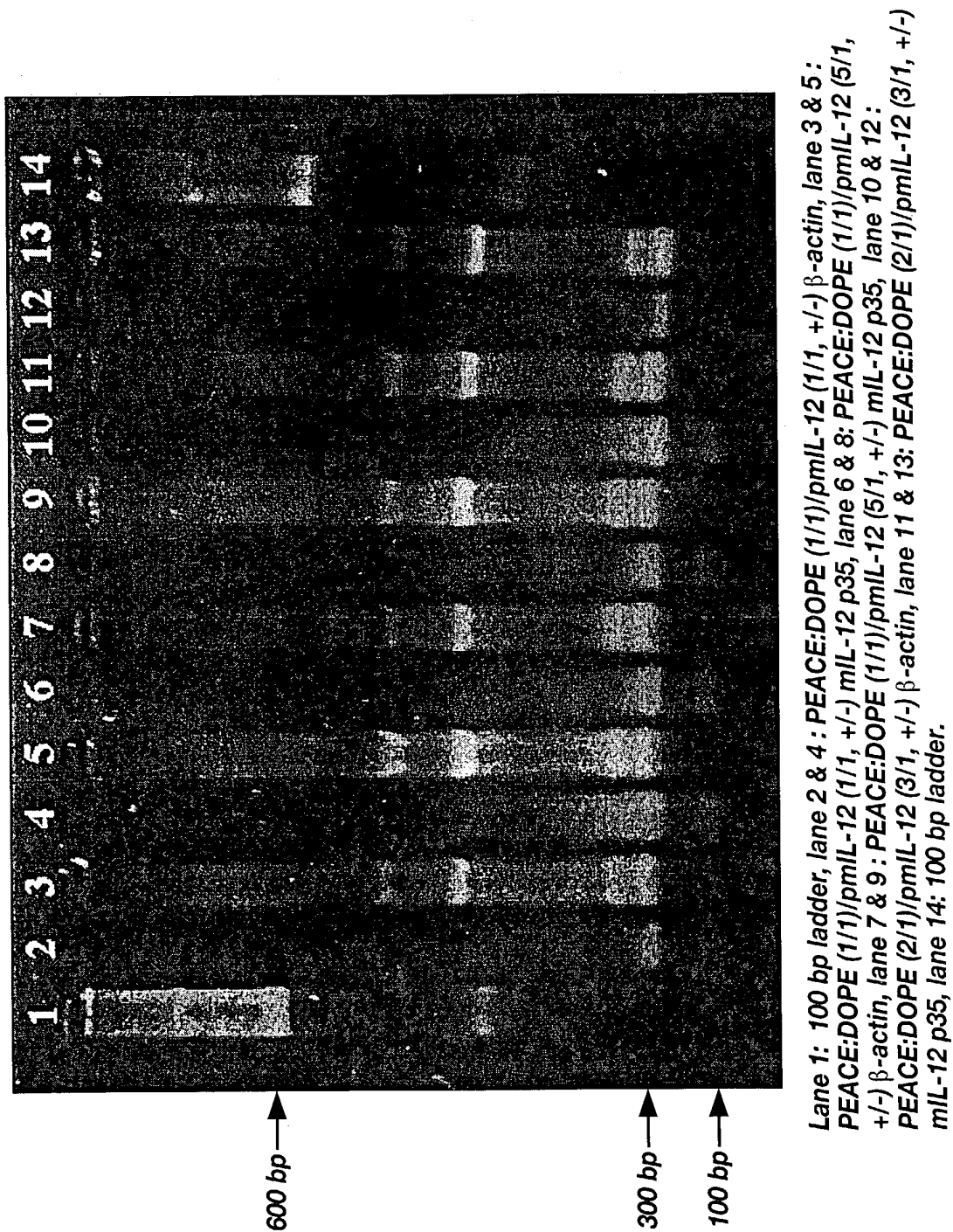


Fig. 8